

09914884

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal613sxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the
present
NEWS 4 AUG 05 New pricing for EUROPATFULL and PCTFULL effective
August 1, 2003
NEWS 5 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE
NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR
NEWS 10 SEP 22 DIPPR file reloaded
NEWS 11 SEP 25 INPADOC: Legal Status data to be reloaded
NEWS 12 SEP 29 DISSABS now available on STN
NEWS 13 OCT 10 PCTFULL: Two new display fields added
NEWS 14 OCT 21 BIOSIS file reloaded and enhanced
NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced

NEWS EXPRESS OCTOBER 01 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 21:41:19 ON 31 OCT 2003

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

09914884

	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 21:41:28 ON 31 OCT 2003
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STRUCTURE FILE UPDATES: 30 OCT 2003 HIGHEST RN 611168-03-7
DICTIONARY FILE UPDATES: 30 OCT 2003 HIGHEST RN 611168-03-7

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STN Note 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>
Uploading 09914884b.str

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 21:41:46 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 141 TO ITERATE

100.0% PROCESSED	141 ITERATIONS	1 ANSWERS
SEARCH TIME: 00.00.01		

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2108 TO 3532
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 gull
COMBINATION OF STRUCTURE AND TEXT TERMS NOT VALID
The query entered contains both search terms created by
structure-building or screen commands and text search terms. L#s
created via the STRUCTURE or SCREEN commands must be searched in the

09914884

structures files separately from text terms or profiles. The L# answer sets from structure searches can be used in crossover searches and can be combined with text terms.

=> s l1 full

FULL SEARCH INITIATED 21:41:54 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3006 TO ITERATE

100.0% PROCESSED 3006 ITERATIONS 62 ANSWERS
SEARCH TIME: 00.00.01

L3 62 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	148.15	148.36

FILE 'CAPLUS' ENTERED AT 21:41:58 ON 31 OCT 2003
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FILE COVERS 1907 - 31 Oct 2003 VOL 139 ISS 19
FILE LAST UPDATED: 30 Oct 2003 (20031030/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3 full

L4 1 L3

=> d l4 ibib abs hitstr

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 2000:628116 CAPLUS
DOCUMENT NUMBER: 133:222451
TITLE: Aminocycloalkyl cinnamide compounds for arrhythmia and as analgesics and anesthetics
INVENTOR(S): Beatch, Gregory N.; Longley, Cindy J.; Walker, Michael J. A.; Wall, Richard A.
PATENT ASSIGNEE(S): Nortran Pharmaceuticals Inc., Can.
SOURCE: PCT Int. Appl., 79 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

09914884

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000051981	A1	20000908	WO 2000-CA217	20000303
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

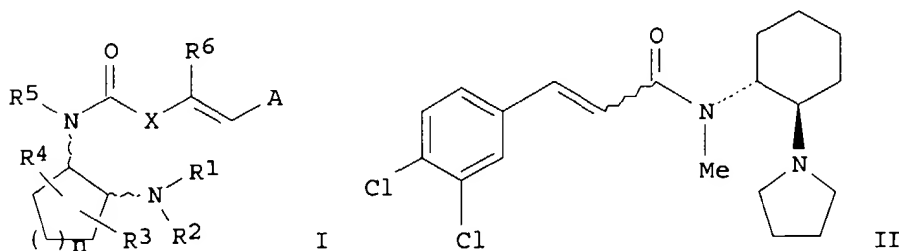
PRIORITY APPLN. INFO.:

US 1999-122858P P 19990304

OTHER SOURCE(S):

MARPAT 133:222451

GI



AB Aminocycloalkyl cinnamide compds. I are disclosed [wherein n = 1-4; X = bond, (un)substituted CH₂Y; Y = bond, O, S, alkylene; R₁, R₂ = H, alkyl, alkoxyalkyl, hydroxyalkyl, aralkyl; or NR₁R₂ = heterocyclo or azabicyclo system; R₃, R₄ = H, OH, alkyl, alkoxy; or R₃R₄ may form spirocyclic heterocycle; R₅ = H, alkyl, aryl, or benzyl; R₆ = H, alkyl, cycloalkyl, aryl, benzyl; A = alkyl, carbocyclyl, aryl such as (un)substituted Ph, naphthalenyl, indenyl, fluorenyl, etc.; with an exclusion]. The compds. of the invention may be incorporated in compns. and kits. The invention also discloses a variety of in vitro and in vivo uses for the compds. and compns., including the treatment of arrhythmia and the prodn. of local analgesia and anesthesia. Three specific examples are prepd. and claimed. For instance, com. 3,4-dichlorocinnamic acid was converted to the acid chloride with SOCl₂, and this was treated with the corresponding racemic diamine (1R,2R)/(1S,2S)-N-methyl-N-[2-(1-pyrrolidinyl)cyclohexyl]amine to give, after recrystn., title compd. II.HCl. In a canine vagal atrial fibrillation (AF) model, II.HCl was more effective (6/6) than flecainide (5/6) for terminating AF, at similar or slightly higher doses.

IT **291776-01-7P**, (1R,2R)/(1S,2S)-N-[2-(4-Morpholinyl)cyclohexyl]-3,4-dichlorocinnamide monohydrochloride

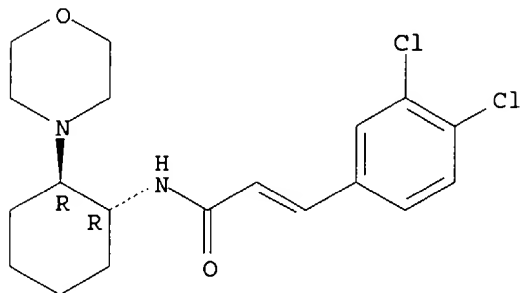
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; prepn. of (aminocycloalkyl)cinnamide compds. as antiarrhythmics, analgesics, and anesthetics)

RN 291776-01-7 CAPLUS

CN 2-Propenamide, 3-(3,4-dichlorophenyl)-N-[(1R,2R)-2-(4-morpholinyl)cyclohexyl]-, monohydrochloride, rel- (9CI) (CA INDEX NAME)

09914884

Relative stereochemistry.
Double bond geometry unknown.



● HCl

REFERENCE COUNT:

11

THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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Connecting via Winsock to STN

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LOGINID:ssspta1613sxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
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NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 20:44:03 ON 31 OCT 2003

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

09914884

	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 20:44:11 ON 31 OCT 2003
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STRUCTURE FILE UPDATES: 30 OCT 2003 HIGHEST RN 611168-03-7
DICTIONARY FILE UPDATES: 30 OCT 2003 HIGHEST RN 611168-03-7

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

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Crossover limits have been increased. See HELP CROSSOVER for details.

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PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

Uploading 09914884.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 20:44:30 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 31 TO ITERATE

100.0% PROCESSED	31 ITERATIONS	1 ANSWERS
SEARCH TIME: 00.00.01		

FULL FILE PROJECTIONS:	ONLINE	**COMPLETE**
	BATCH	**COMPLETE**
PROJECTED ITERATIONS:	286 TO	954
PROJECTED ANSWERS:	1 TO	80

L2 1 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 20:44:33 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 818 TO ITERATE

100.0% PROCESSED	818 ITERATIONS	60 ANSWERS
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09914884

SEARCH TIME: 00.00.01

L3 60 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.15

148.36

FILE 'CAPLUS' ENTERED AT 20:44:37 ON 31 OCT 2003

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FILE COVERS 1907 - 31 Oct 2003 VOL 139 ISS 19

FILE LAST UPDATED: 30 Oct 2003 (20031030/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3 full

L4 1 L3

=> d l4 ibib abs hitstr

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2000:628116 CAPLUS

DOCUMENT NUMBER: 133:222451

TITLE: Aminocycloalkyl cinnamide compounds for arrhythmia and as analgesics and anesthetics

INVENTOR(S): Beatch, Gregory N.; Longley, Cindy J.; Walker, Michael J. A.; Wall, Richard A.

PATENT ASSIGNEE(S): Nortran Pharmaceuticals Inc., Can.

SOURCE: PCT Int. Appl., 79 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000051981	A1	20000908	WO 2000-CA217	20000303

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,

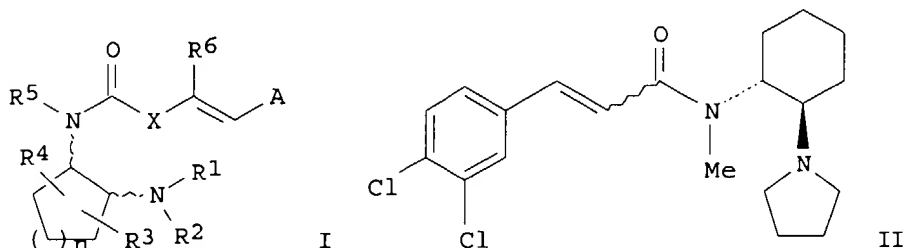
09914884

SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1999-122858P P 19990304

OTHER SOURCE(S): MARPAT 133:222451

GI



AB Aminocycloalkyl cinnamide compds. I are disclosed [wherein n = 1-4; X = bond, (un)substituted CH₂Y; Y = bond, O, S, alkylene; R₁, R₂ = H, alkyl, alkoxyalkyl, hydroxyalkyl, aralkyl; or NR₁R₂ = heterocyclo or azabicyclo system; R₃, R₄ = H, OH, alkyl, alkoxy; or R₃R₄ may form spirocyclic heterocycle; R₅ = H, alkyl, aryl, or benzyl; R₆ = H, alkyl, cycloalkyl, aryl, benzyl; A = alkyl, carbocyclyl, aryl such as (un)substituted Ph, naphthalenyl, indenyl, fluorenyl, etc.; with an exclusion]. The compds. of the invention may be incorporated in compns. and kits. The invention also discloses a variety of in vitro and in vivo uses for the compds. and compns., including the treatment of arrhythmia and the prodn. of local analgesia and anesthesia. Three specific examples are prepd. and claimed. For instance, com. 3,4-dichlorocinnamic acid was converted to the acid chloride with SOCl₂, and this was treated with the corresponding racemic diamine (1R,2R)/(1S,2S)-N-methyl-N-[2-(1-pyrrolidinyl)cyclohexyl]amine to give, after recrystn., title compd. II.HCl. In a canine vagal atrial fibrillation (AF) model, II.HCl was more effective (6/6) than flecainide (5/6) for terminating AF, at similar or slightly higher doses.

IT **291776-01-7P**, (1R,2R)/(1S,2S)-N-[2-(4-Morpholinyl)cyclohexyl]-3,4-dichlorocinnamide monohydrochloride

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; prepn. of (aminocycloalkyl)cinnamide compds. as antiarrhythmics, analgesics, and anesthetics)

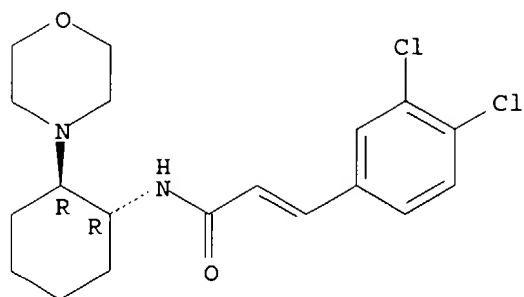
RN 291776-01-7 CAPLUS

CN 2-Propenamide, 3-(3,4-dichlorophenyl)-N-[(1R,2R)-2-(4-morpholinyl)cyclohexyl]-, monohydrochloride, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

09914884



● HCl

REFERENCE COUNT:

11

THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT